INDEX

Alaska
  environment, 319-320
  grassland and related communities, 317-378
  marsh and bog communities, 366-367
  shrub and forest communities, 360
Auerbach, S. I., article, 97-124

Biotic community, 186
Bryophytes
  associations of, 306-312
  bark-inhabiting, 301-316
  in Michigan, 301-316

Carriker, M. R., article, 19-38
Centipedes of the Chicago Area, 97-124
Chew, R. M., article, 215-225
Chinch bug, 157-168
Climate
  of the Rio Grande Valley, 380-381
  of a volcanic area, 229
Creosotebush area, New Mexico, 379-403
  climax, 383

Ecological observations on the distribution of oyster larvae in New Jersey estuaries, 19-38
Endemic plants of shale barrens, 294-297
  causes of, 297
  physiological tolerances, 295-296
Environment
  of Alaskan grasslands, 319-320
  of bryophytes on bark, 304
  of the Creosotebush area of N. Mex., 379-381
  of shale barrens, 273-285
Evans, F. C., article, 1-18

Food habits, 84, 103
Fluctuations
  of forest animals, 183
  of non-forest animals, 149

Gardner, J. L., article, 379-403
Grassland
  communities in W. Alaska, 317-378
  ecotones, 142
  environment, 127-130
  mixed grass type, 135-139
  native midwestern, 39-60
  of central Nebraska, 125-147
  range condition classes, 39-60
  short-grass, 132-134
  tall-grass, 139-141

Hanson, H. C., article, 317-378
Hibernation, 81
Holdenried, R., article, 1-18
Home range, 86
Hopkins, H. H., article, 125-147
Host-parasite relationships in a mammalian community in the central coast range of California, 1-18

Lava flows
  ice caves, 247-250
  plant communities, 230-241
  sink hole ponds, 243-247
  substrates, 238-241
Life history and ecology of the jumping mouse, *Zapus hudsonius*, 61-95
Lindsey, A. A., article, 227-253
Loess hills
  Central Nebraska, 125-147
  native vegetation, 125-147
Longanecker, D. S., article, 1-18

Mentzer, L. W., article, 255-267
Michigan, bryophyte associations, 301-316

Nebraska
  loess hills of, 125-147
  native vegetation, 125-147

Parasites, 2, 11, 74
Phillips, E. A., article, 301-316
Plant succession in true prairie, 255-267
Platt, R. B., article, 269-300
Population
  of jumping mice, 91
  of centipedes, 110
  of ground squirrels, 3
Prairie
  classes of plants, 39-40
  classes of range conditions, 39-60
  degeneration, 40-42
  effects of drought, 256-261
  succession, 255-267

Quimby, Don C., article, 61-95

Range condition classes, 39-60

Shale barrens
  endemic plants, 269-300
  environment of, 273-285
  mid-Appalachian, 269-300
  vegetation of, 286-294
Shelford, V. E., article, 149-214

Vegetation
  of the creosotebush area of New Mexico, 381-402
  of S. W. volcanic area, 227-253
  of Mid-Appalachian shale barrens, 269-300
Voigt, J. W., article, 39-60
Volcanic area
  climate, 229
  vegetation and habitats, 230-253

Water exchanges of small mammals, 215-225
Weaver, J. E., article, 39-60